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 NEWS  1        Web Page for STN Seminar Schedule - N. America
 NEWS  2  DEC 01  ChemPort single article sales feature unavailable
 NEWS  3  JUN 01  CAS REGISTRY Source of Registration (SR) searching
                  enhanced on STN
 NEWS  4  JUN 26  NUTRACEUT and PHARMAML no longer updated
 NEWS  5  JUN 29  IMSCOPROFILE now reloaded monthly
 NEWS  6  JUN 29  EPFULL adds Simultaneous Left and Right Truncation
                  (SLART) to AB, MCLM, and TI fields
 NEWS  7  JUL 09  PATDPAFULL adds Simultaneous Left and Right
                  Truncation (SLART) to AB, CLM, MCLM, and TI fields
 NEWS  8  JUL 14  USGENE enhances coverage of patent sequence location
                  (PSL) data
 NEWS  9  JUL 27  CA/CAplus enhanced with new citing references
 NEWS 10  JUL 16  GBFULL adds patent backfile data to 1855
 NEWS 11  JUL 21  USGENE adds bibliographic and sequence information
 NEWS 12  JUL 28  EPFULL adds first-page images and applicant-cited
                  references
 NEWS 13  JUL 28  INPADOCDB and INPAFAMDB add Russian legal status data

 NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
              AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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=> file reg
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                                                      ENTRY       SESSION
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DICTIONARY FILE UPDATES:  6 AUG 2009  HIGHEST RN 1173240-01-1

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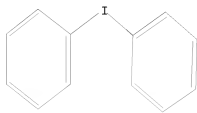
=>
Uploading C:\Program Files\Stnexp\Queries\10559879-iodonium.str

L1   STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1   STR

Structure attributes must be viewed using STN Express query preparation.

=> s l1 full
FULL SEARCH INITIATED 14:18:18 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   9302 TO ITERATE

100.0% PROCESSED   9302 ITERATIONS   3790 ANSWERS
SEARCH TIME: 00.00.01

L2   3790 SEA SSS FUL L1

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                                                  ENTRY   SESSION
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FILE COVERS 1907 - 7 Aug 2009 VOL 151 ISS 7
FILE LAST UPDATED: 6 Aug 2009 (20090806/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2009

CAplus now includes complete International Patent Classification (IPC)
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The ALL, BIB, MAX, and STD display formats in the CA/CAplus family
of databases have been updated to include new citing references
information. This enhancement may impact record import into
database management software. For additional information, refer
to NEWS 22.

```
=> s diaryliodonium
L3          730 DIARYLIODONIUM

=> s l3 and fluorination
         18760 FLUORINATION
L4            7 L3 AND FLUORINATION

=> s l3 and free radical
       1462071 FREE
        349538 RADICAL
         79073 FREE RADICAL
                (FREE(W)RADICAL)
L5           38 L3 AND FREE RADICAL

=> s l5 and fluorination
         18760 FLUORINATION
L6            0 L5 AND FLUORINATION

=> s l3 and fluorine
        122683 FLUORINE
L7           10 L3 AND FLUORINE

=> s l7 or l4
L8           13 L7 OR L4

=> s l8 and radical
        349538 RADICAL
L9            1 L8 AND RADICAL

=> d l9 ibib abs

L9    ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:         2007:79664  CAPLUS
DOCUMENT NUMBER:          147:541532
TITLE:                    Radical scavengers: A practical solution to
                          the reproducibility issue in the fluoridation of
                          diaryliodonium salts
AUTHOR(S):                Carroll, Michael A.; Nairne, James; Smith, Graham;
                          Widdowson, David A.
CORPORATE SOURCE:         School of Natural Sciences - Chemistry, Newcastle
                          University, Newcastle upon Tyne, NE1 7RU, UK
SOURCE:                   Journal of Fluorine Chemistry (2007), 128(2), 127-132
                          CODEN: JFLCAR; ISSN: 0022-1139
PUBLISHER:                Elsevier B.V.
DOCUMENT TYPE:            Journal
```

AB   The addition of radical scavengers to the fluoridation of
     diaryliodonium salts was demonstrated to improve significantly
     both the reproducibility of the process and the material yield of the
     desired fluoroarene products. It was also established that the
     selectivity of the process was not influenced by the presence of the
     radical scavengers. TEMPO and galvinoxyl were the most suitable
     radical scavengers in the fluoridation process.